

Status of New Reactor and Combined License Issues

Industry Briefing of NRC Commission

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Industry Participants

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Discussion Topics

- **Key policy issues**
- **COL issues**
 - **Completion of rulemakings and guidance**
- **Critical industry activities**
- **The next 12 months**
 - **Completion of near-term priorities**

Key Policy Issues

- **Publish Part 26 Rulemaking**
- **Issue Notice of Hearing after docketing each portion of an application**
 - **Facilitates the potential for earlier operational date**
- **Recognition of EP adequacy for a new unit at an existing operating site**
- **Affirm Waste Confidence position**

COL Issues

- **Outstanding progress over past 10 months**
- **Limited number of open issues requiring closure...**
 - **Access Authorization**
 - **Digital I&C**
 - **New QA process for effluents**
 - **Radiological Protection**
 - **ISI/IST**
 - **PRA**
- **Commission directed transparency & accountability in the hearing process**

Completion of COL Related Rulemakings

- **Limited Work Authorization**
 - Will increase focus on safety-significant construction
 - Foundation for earlier operational date
- **Aircraft Impact**
 - Industry peer review of evaluations
 - Industry taking action in advance of the rule
- **Security -- §73.55**
 - New designs incorporating insights from security evaluations on operating plants

Critical Industry Tasks

- **Industry orientation on lessons learned from recent construction**
- **Supply Chain**
 - Focus on quality
 - Expanding NUPIC activities
 - Preventing Counterfeit/substandard parts
 - Broadening number of qualified vendors
- **Workforce**
 - Prime focus on skilled craft
 - Regional workforce groups
 - Establishing partnerships with community colleges

Critical Focus Areas

- **Preparation and review of COL and design certification applications**
- **Construction Inspection Program development**
 - Defining the ITAAC closeout process
- **Improving the environmental review process**
- **Next phase of regulatory guide updates**
 - Rationale for making changes

Summary

- **Predictability, open communications and quality applications are essential for success**
- **Industry priorities**
 - **COL and design certification applications**
 - **Construction inspection & closeout**
 - **Completion of rulemakings**
 - **Waste confidence**
- **Next 12 months are critical for credibility**